

Case 393 : Narrative

Case Vehicle (A): 1999 Mercury	Vehicle (B): 1999 Ford
Type: Cougar, 2-door hatchback	Type: F150 XLT, 4-door, 4x2 pickup
Driver: 40-year-old female	Driver: 35-year-old male
CDC: 12-FDEW-3	CDC: 12-FZEW-5

SITUATION

[1](#) [2](#) [3](#) On a clear day, case vehicle (A) was traveling east at an unknown speed in the eastbound lane of a two-lane, two-way, asphalt road, in a rural area. The road surface was dry, it was daylight, and the speed limit was 55 mph (89 kph). [4](#) [5](#) Vehicles (B) and (X) were traveling west at an unknown speed in the westbound lane of the same roadway with vehicle (X) in front of vehicle (B). [6](#) As vehicles (X) and (B) approached case vehicle (A), the driver of vehicle (B) decided to pass vehicle (X) and vehicle (B) crossed the centerline and entered the eastbound lane. When the driver of case vehicle (A) saw that vehicle (B) was in the eastbound lane, [7](#) [8](#) she steered to the right and exited the south edge of the road in an attempt to avoid a collision. [9](#) At the same time, the driver of vehicle (B) exited the south edge of the road in an attempt to avoid striking case vehicle (A) [10](#) [11](#) and the two vehicles struck head on in a field to the south of the road, with the full front of case vehicle (A) engaging with the right half of vehicle (B). Both vehicles were towed from the scene.

The police accident report indicates A-level injuries for the driver of case vehicle (A) who was transported to a trauma center by helicopter. The police accident report indicates C-level injuries for the driver of vehicle (B) who was transported to a local hospital.

GENERAL VEHICLE DAMAGE AND ESTIMATED CRASH SEVERITIES

[12](#) The direct damage to the front of case vehicle (A) was severe and extended 135-cm across the entire front of the vehicle. The maximum rearward crush was 71 cm and occurred at the center of the front bumper.

[13](#) Damage to the right front of vehicle (B) was severe. Direct damage began at the right-front bumper corner and extended 85-cm across the front, resulting in 50-percent vehicle overlap (VOL). The maximum crush was 114 cm and occurred at the right-front bumper corner. The majority of the crush was to the right and center portions of the front end, which were crushed rearward into the engine compartment. The grille was damaged, both headlight assemblies were broken, and the damaged hood was pushed up and to the rear. The right fender was crushed and the right wheelbase was reduced by 98 cm. The left wheelbase was increased by 3 cm.

[14](#) [15](#) [16](#) [17](#) [18](#) [19](#) [20](#) [21](#) [22](#) [23](#) [24](#) Using the WinSMASH crash-reconstruction program and crush profiles measured for both vehicles, the following impact severities were estimated for the head-on impact:

	Estimated Velocity Change - kph (mph)
--	---------------------------------------

Vehicle	Variable	Total	Longitudinal	Latitudinal
Case Vehicle (A)	delta V	72 (45)	-71 (-44)	13 (8)
Vehicle (B)	delta V	51 (32)	-50 (-31)	-9 (-6)

DESCRIPTION OF DAMAGE TO CASE VEHICLE (A)

Exterior

[25](#) In the front, the majority of the damage was to the right and center portions of the front end, although the entire bumper and grille were crushed rearward into the engine compartment. [26](#) Both headlight assemblies were broken and the bumper cover was completely separated from its attachments. [27](#) The hood was crushed up and to the rear, the damaged hood latch had released, and both hood hinges were bent but not separated. [28](#) The rear edge of the hood was elevated and came into contact with the windshield. [29](#) The windshield was cut during extrication but it was cracked throughout and there was 10% bond separation at the right-lower corner. [30](#) Also, there was a circular-shaped spider-web crack in the left-center section of the windshield, possibly from an internal source.

[31](#) On the right side, the fender was crushed rearward and shifted to the right and the upper sections of all right-side pillars were cut during extrication. [32](#) The right-front wheel was restricted by the damaged fender and crushed rearward into the lower A-pillar. The right-front tire was flat, the hubcap was scuffed, and the right wheelbase was reduced 26 cm. The lower portion of the right A-pillar was damaged and crushed rearward, causing remote buckling to the right-front door. [33](#) The right-front door was jammed closed and the door window was broken out, but it is unknown if this was due to extrication or the crash. [34](#) The upper portion of the right A-pillar was damaged and displaced up, causing remote buckling to the roof above the right-front door. [35](#) The quarter panel was buckled and the right-rear window was broken, but it is unknown if this was due to the crash or extrication. There was no damage to the right-rear wheel.

[36](#) [37](#) On the left side, the upper portions of all left-side pillars had been cut during extrication. The fender was crushed and shifted to the right but [38](#) there was no damage to the left-side wheels and no change in the left wheelbase. [39](#) The driver door was removed and the sheet metal was buckled but some of this damage appears to be related to extrication. [40](#) There was no crash-related damage to the B- or C-pillars. [41](#) The left-side glazing was damaged but this is probably due to extrication. There was no damage to the left quarter panel.

[42](#) [43](#) The rear hatchback was cut during extrication but there was no crash-related damage to the rear of the vehicle.

Interior

[44](#) This vehicle was equipped with steering-wheel and dash-mounted frontal-impact airbags, which deployed during the frontal impact. [45](#) In the driver seating area, there was no damage to the roof, to the roof header, to the left A-pillar, or to the sunvisor. [46](#) There were some cracks in the left portion of the windshield and there was a circular-shaped spider-web crack in the center-left section. [47](#) The upper half of the steering-wheel rim was deflected slightly forward [48](#) [49](#) and the steering column was rotated up. [50](#) There were bloodstains on the lower-right corner of the airbag fabric, [51](#) and a small area of the lower-left corner of the airbag fabric was melted. [52](#) The upper and mid portions of the instrument panel were damaged and displaced rearward. [53](#) The knee bolster cover was damaged and separated from its

top attachments, [54](#) [55](#) there was a scuffmark on the left side of the driver knee bolster, and there was a scuffmark on, and a [56](#) dent in, the right side of the knee bolster. The toe-pan was displaced rearward, the floor was displaced up, and [57](#) the brake-pedal linkage was bent to the left. There was no damage to the interior of the driver door and [58](#) there was no damage to the driver seat, but the manual seat adjuster was jammed.

[45](#) In the center-front area, there was no damage to the roof or to the roof header, but there was a series of cracks across the windshield. [59](#) There was no damage to the rearview mirror but it was knocked off its mount. [60](#) [61](#) A control knob on the vertical console was broken off and the face of the radio was hanging from an electrical wire. [62](#) The plastic trim that surrounds the floor console and transmission selector was cracked.

[63](#) In the right-front seating area, there was no damage to the roof, to the roof header or to the right A-pillar. There was a series of cracks across the right portion of the windshield. [64](#) There was no damage to the dash-mounted airbag. [65](#) The instrument panel was displaced rearward and the glove-box was dislodged and the door would not close properly. [66](#) [67](#) The toe-pan was displaced rearward and the kickpanel was displaced to the left. [68](#) There was no damage to the right-front seat but the manual-seat adjuster was jammed. [69](#) The forward section of the right-front door was deformed and the door handle was broken.

The following intrusions were noted and measured:

Location	Component	Distance (cm)	Direction
left front	toe-pan	45	to rear
	kickpanel	25	to right
	floor	13	up
	instrument panel	10	to rear
right front	toe-pan	61	to rear
	kickpanel	18	to left
	instrument panel	15	to rear

OCCUPANT KINEMATICS AND INJURIES

[70](#) The 157-cm, 59-kg (5-ft 2-in, 130-lb) 40-year-old female driver was using the three-point belt and the steering-wheel airbag deployed. [71](#) [72](#) Webbing marks on the D-ring [73](#) [74](#) and loading marks on the shoulder and lap belt webbing from the D-ring and continuous loop indicate belt use. [75](#) The shoulder-belt anchor point on the B-pillar was adjusted to a mid-height position.

During the frontal impact, the belt-restrained driver moved forward and to the left relative to the vehicle interior, into the belt restraints, the airbag, and the knee bolster. [76](#) She sustained an abrasion to the lower lip, probably from contact by the deploying steering-wheel airbag. She sustained an abrasion to the anterior aspect of the left shoulder from the shoulder belt. She sustained an abrasion to the dorsal aspect of the left arm from an unknown source. She sustained abrasions to both knees from contact with the knee bolster, [77](#) [78](#) as evidenced by scuffmarks on, and a dent in, the knee-bolster cover. She sustained a fracture to the left talus and a dislocation of the left subtalar joint, probably from contact with the toe-pan and/or the brake pedal, [79](#) as evidenced by damage to both.

The following table [80](#) and attached drawing summarize the injuries for the restrained driver.

Occupant: Driver	Age: 40 years	Gender: Female		
Restraints: 3-point belt, steering-wheel airbag	Stature: 157 cm (5 ft, 2 in)	Mass: 59 kg (130 lb)		
Injury Description	A.I.S.	Injury Source		
—	—	Definite	Probable	Possible
Abrasion, lower lip	1	—	Airbag	—
Abrasion, dorsal aspect of left arm	1	Unknown	—	—
Abrasion, anterior aspect of left shoulder	1	Shoulder belt	—	—
Abrasion, left knee	1	Knee bolster	—	—
Abrasion, right knee	1	Knee bolster	—	—
Fracture, left talus	2	—	Toepan, brake pedal	—
Dislocation, left subtalar joint	1	—	Toepan, brake pedal	—
Maximum A.I.S. Level	2	—	—	—
Injury Severity Score	5	—	—	—

CASE NO.: 393-03

CASE VEHICLE: 1999 Mercury

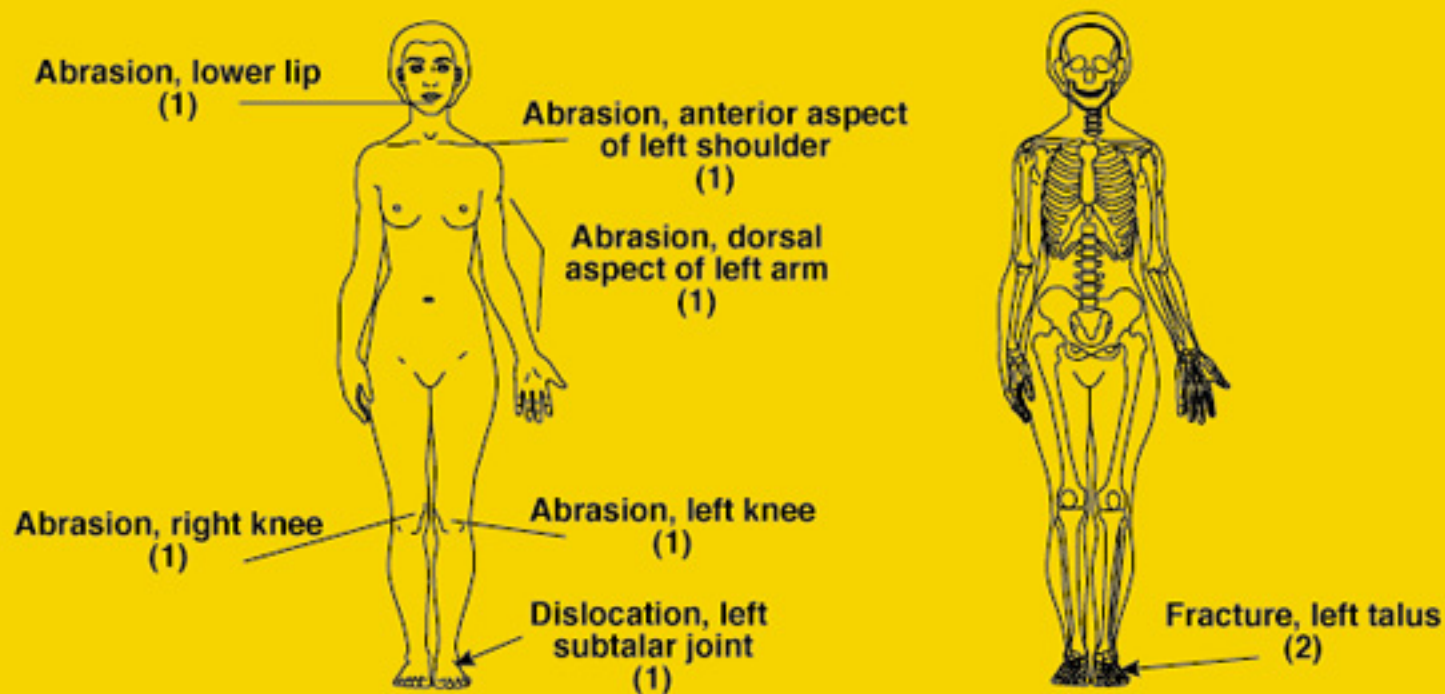
TYPE: Cougar, 2-door hatchback

OCCUPANT: (Driver) 40-year-old female

STATURE: 157 cm (5 ft, 2 in) MASS: 59 kg (130 lb)

RESTRAINTS: 3-point belt, steering-wheel airbag

SEVERITY: MAIS - 2 ISS - 5



Case No.: 393-03

Case Veh. (A): 1999 Mercury

Type: Cougar, 2-door hatchback

Driver: 40-year-old female

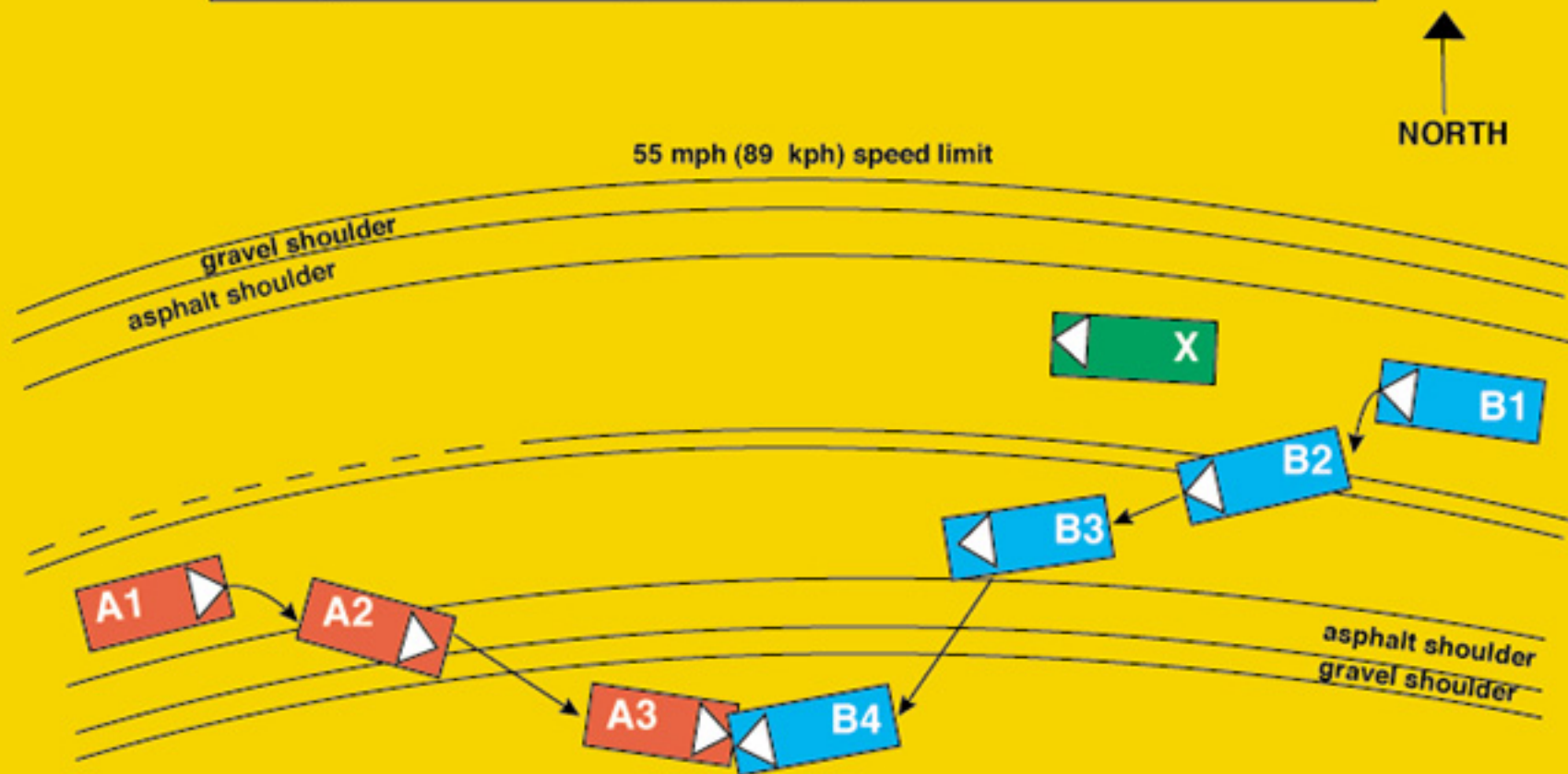
Vehicle (B): 1999 Ford F150 XLT, 4-door, 4x2 pickup

Weather: Clear

Road Surface: Dry

Road Construction: Asphalt

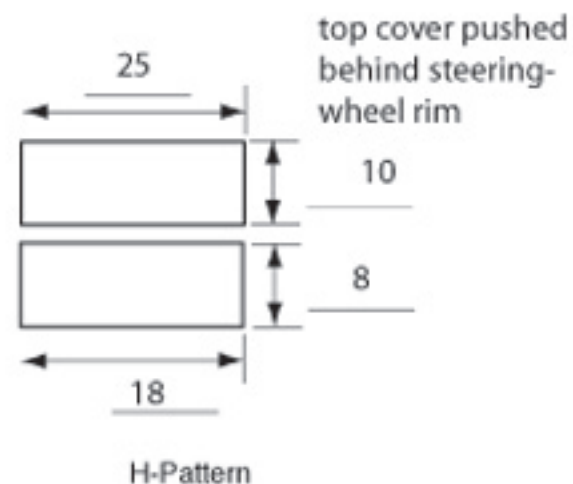
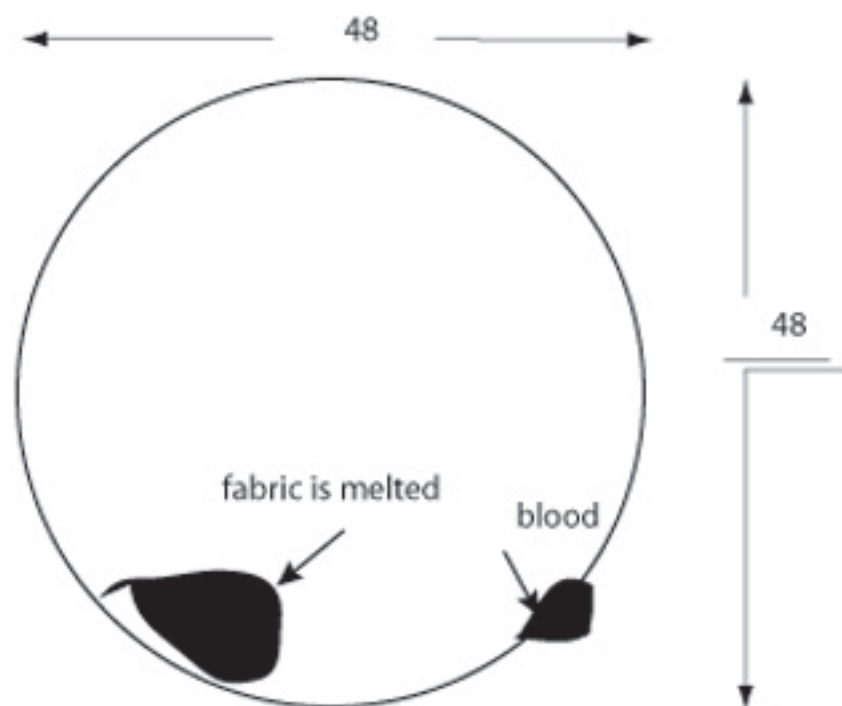
Light Condition: Daylight



Driver Airbag

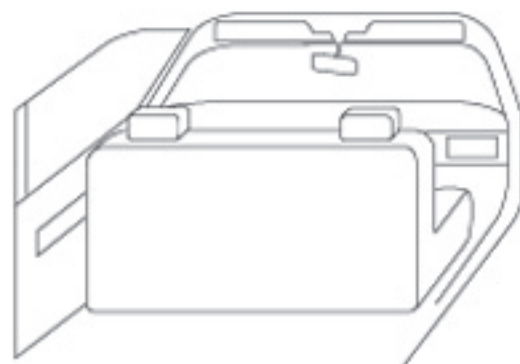
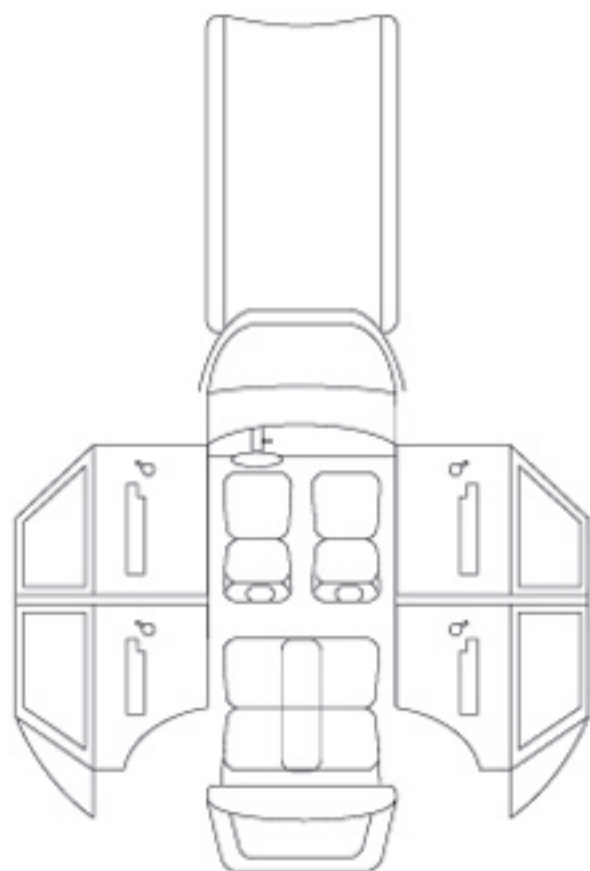
AIRBAG NUMBER ON DRIVER SIDE:

Driver Airbag Doors



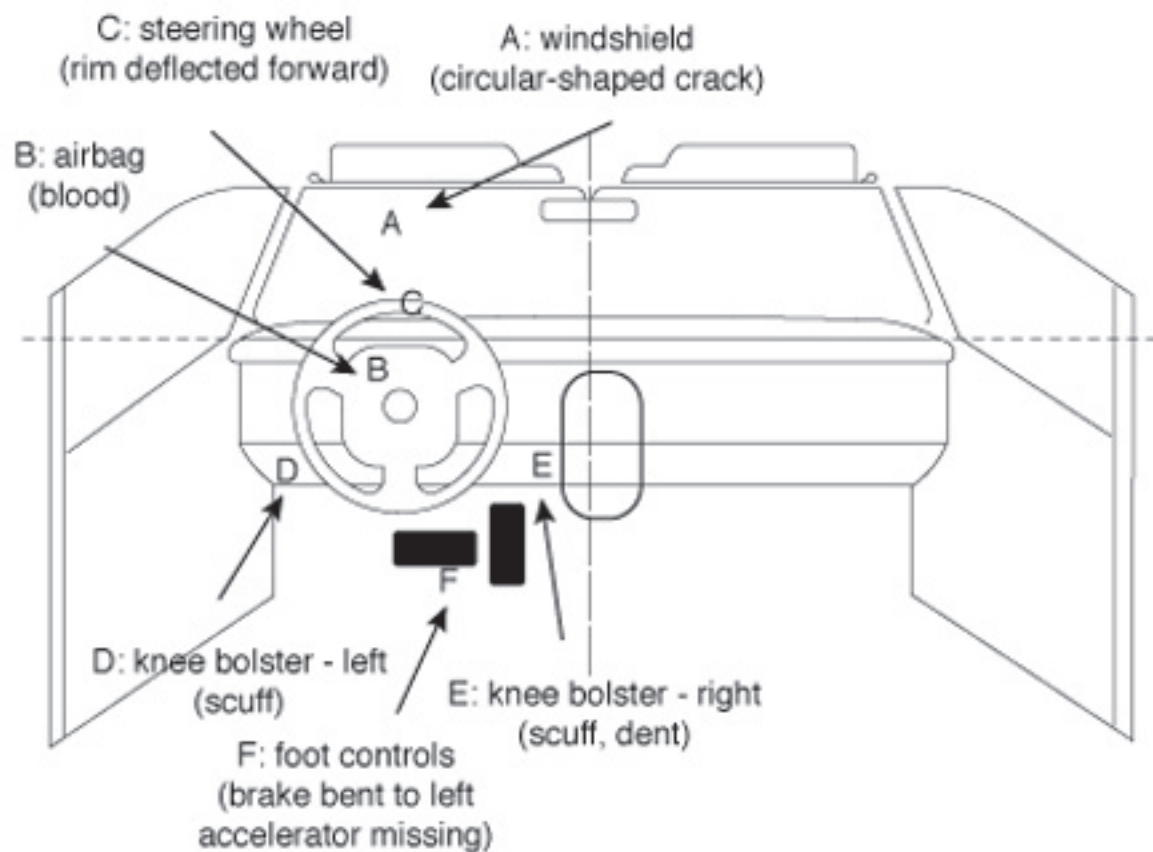
Vents: ☒ Y ☐ N 2
if yes, how many: 2

Tethers: ☒ Y ☐ N 2
if yes, how many: 2



Dr belt: mid on B-pillar

evidence of belt use:
marks on D-ring, marks on shoulder
belt and lap-belt webbing



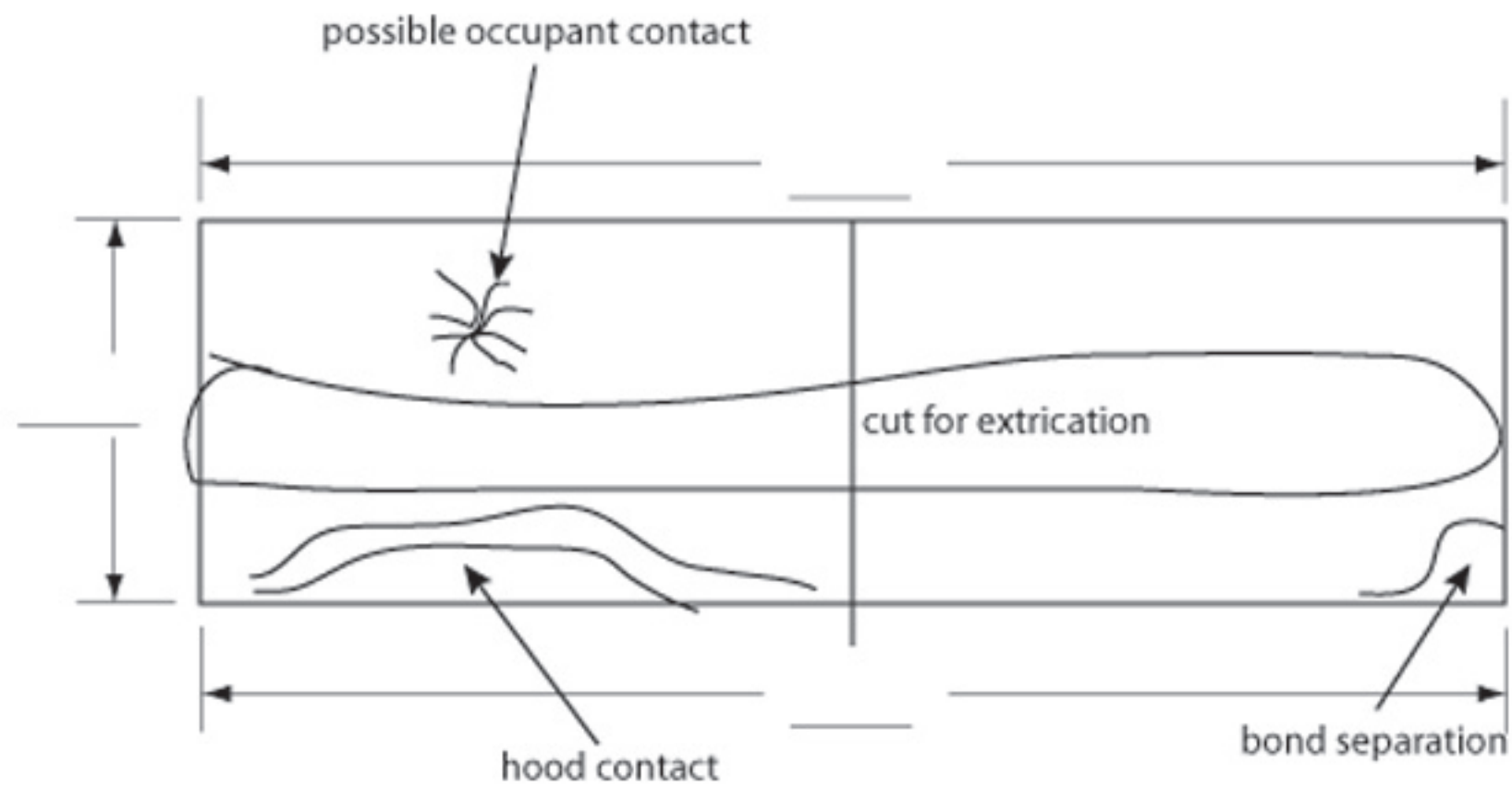
1 = Definitely 2 = Probably 3 = Possible

INTRUSION IT-1

Location of Intrusion	Intruded Component	(All Measurements Are in Centimeters)				Dominant Crush Direction
		Comparison Value	–	Intruded Value	= Intrusion	
11	Toe pan	145	–	100	= 45	To rear
11	Kick panel		–		= 25	To right
11	Floor		–		= 13	Up
11	Instrument panel	93	–	83	= 10	To rear
13	Toe pan	145	–	84	= 61	To rear
13	Kick panel		–		= 18	To left
13	Instrument panel	93	–	78	= 15	To rear
			–		=	
			–		=	
			–		=	

OCCUPANT CONTACT WORKSHEET

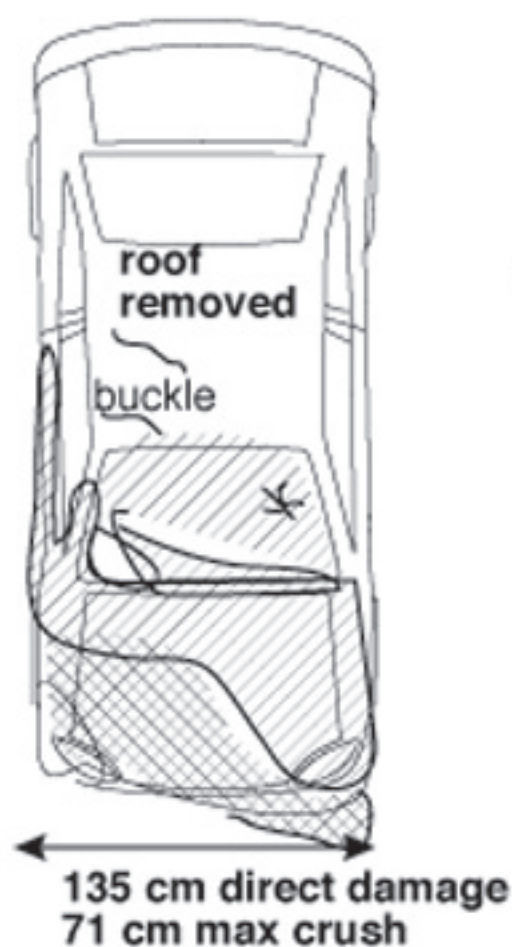
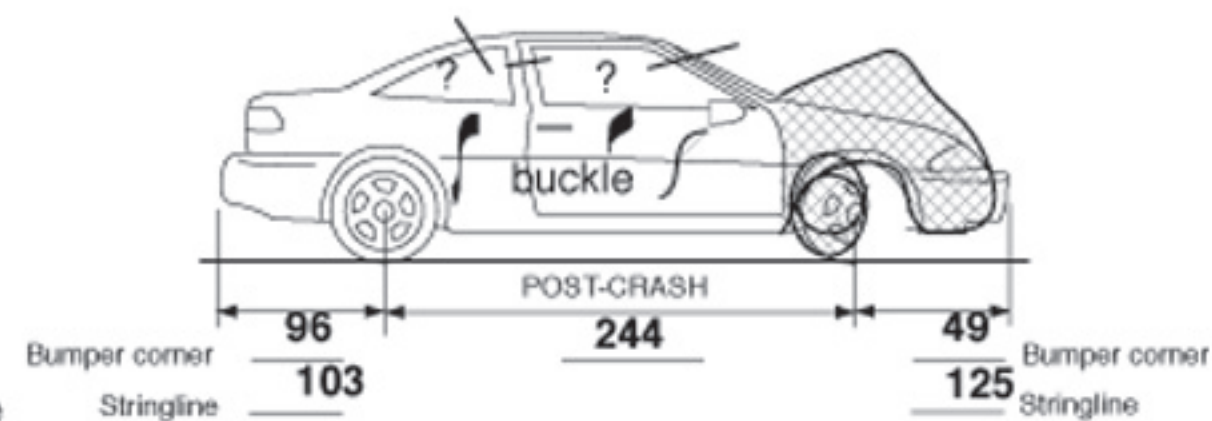
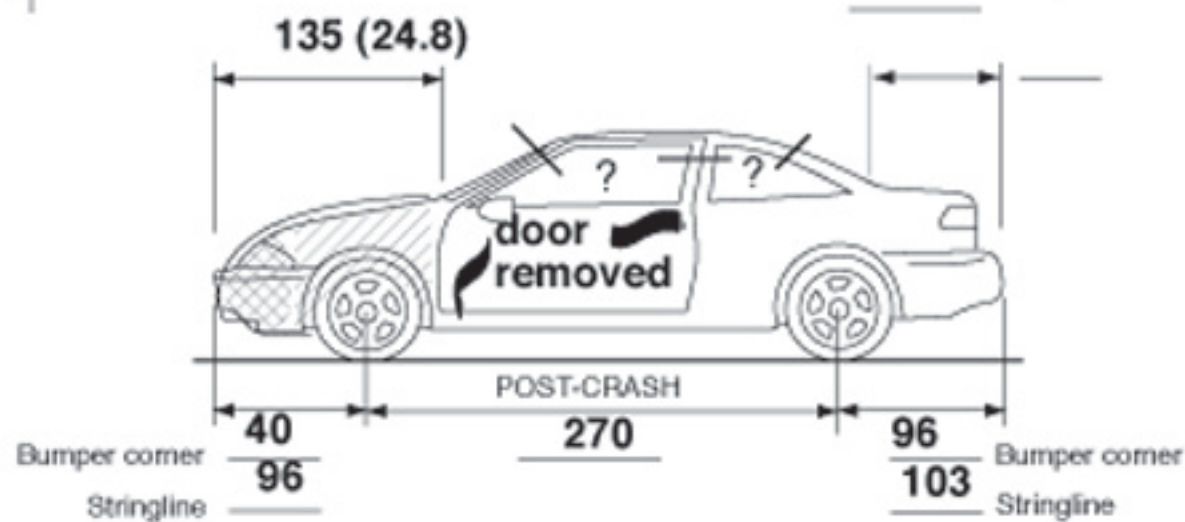
Contact	Interior Component Contacted	Occupant No. if Known	Body Region if Known	Supporting Physical Evidence	Confidence Level of Contact Point
A	Windshield	1	Hand	Circular-shaped crack	2
B	Airbag	1	Blood	Face	1
C	Steering-wheel	1	Hands	Rim deflected forward	2
D	Knee bolster	1	left knee	Scuff (left side)	1
E	Knee bolster	1	Right knee	Scuff, dent (right side)	1
F	Foot controls	1	Foot	Brake is bent to left, accelerator is missing	1



WINDSHIELD MARK ON CASE VEHICLE:

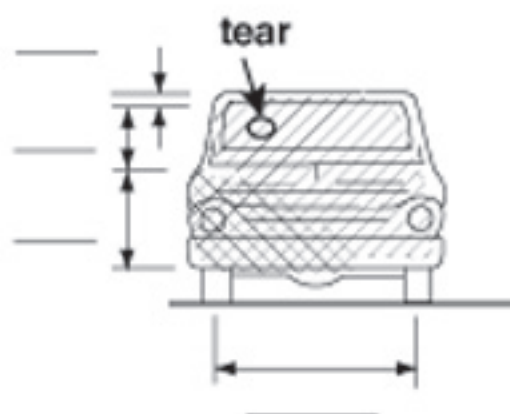
Unknown

MEASUREMENTS IN CENTIMETERS

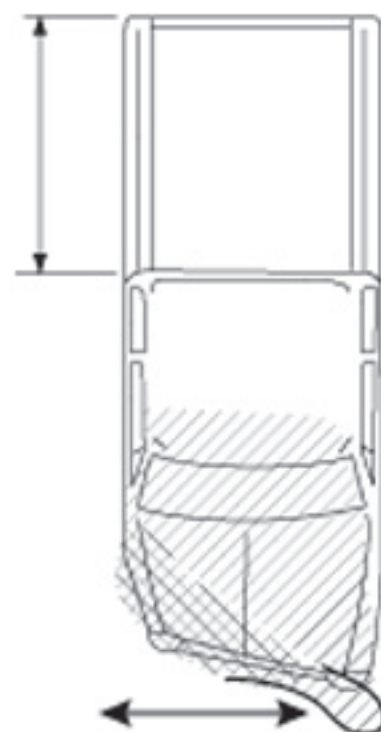
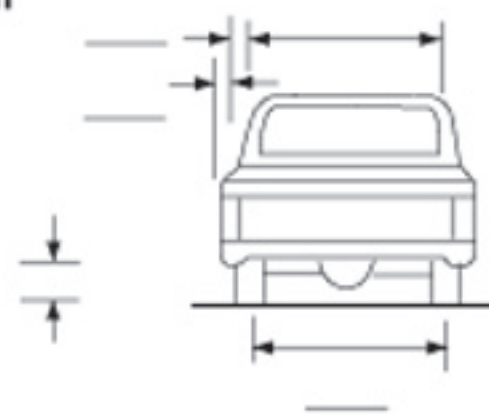


MEASUREMENTS IN CENTIMETERS

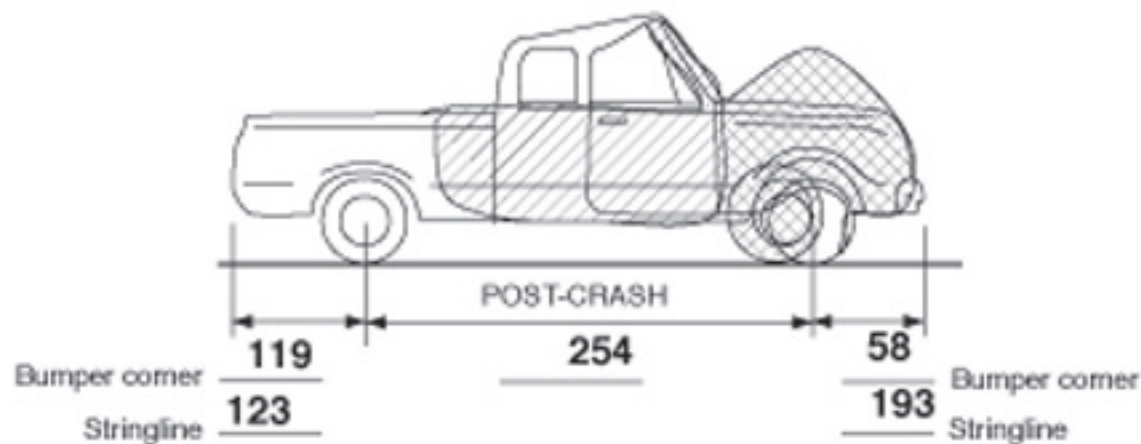
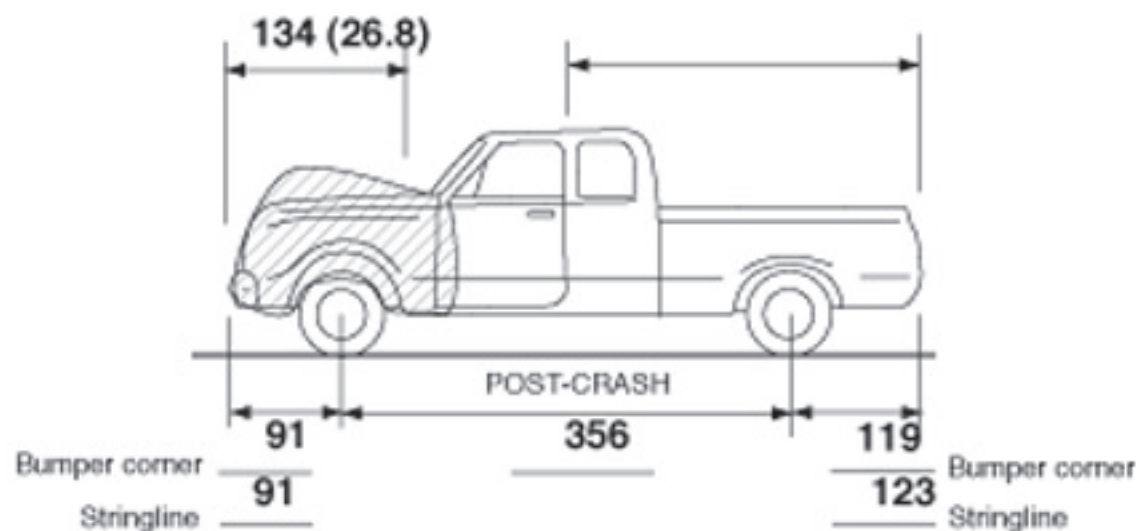
stringline set at 447 cm
should be 446

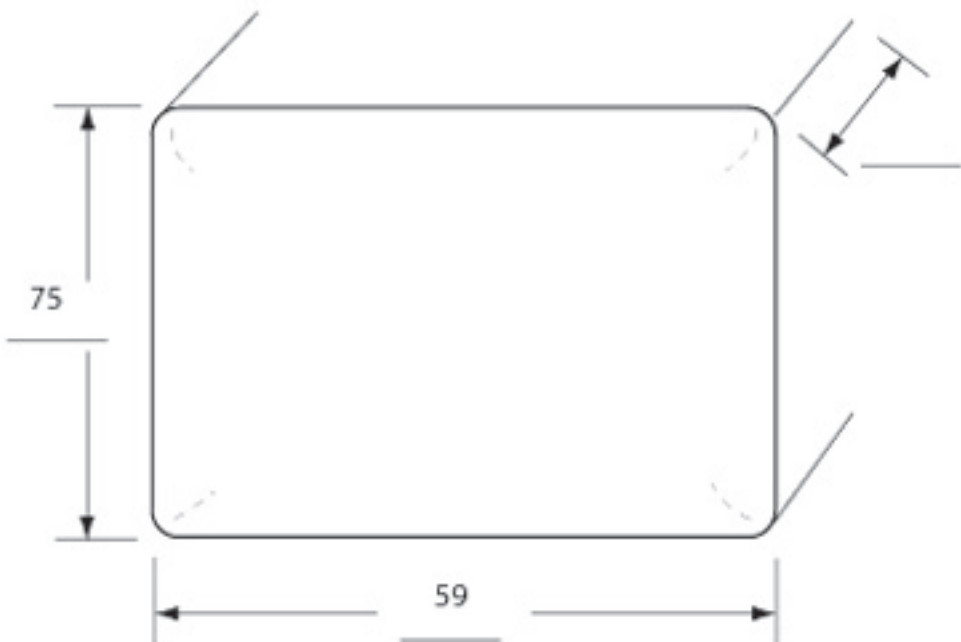


Original
Bumper Height



85-cm direct damage
114-cm max crush



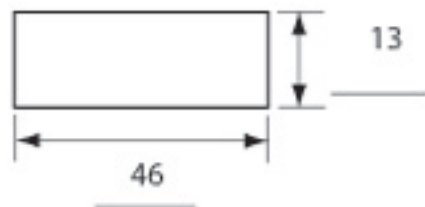


Vents: ☒ Y ☐ N
 if yes, how many: 1

Tethers: ☐ Y ☒ N
 if yes, how many:

Passenger Airbag Doors

Single Door



Vehicle Report

Click on Section Name to jump directly to that Section —

- [General Conditions](#)
- [Other Vehicle](#)
- [Case Vehicle General](#)
- [Case Vehicle Damage Description](#)
- [Crash Severity](#)
- [Case Vehicle Tires & Rims](#)
- [Case Vehicle Fuel, Tank, Fire](#)
- [Case Vehicle Exterior](#)
- [Case Vehicle Steering Column/Rim](#)
- [Case Vehicle Intrusion](#)
- [Case Vehicle Airbag\(s\)](#)
- [Case Vehicle Interior](#)
- [Case Vehicle Seats](#)

General Conditions

[Back to Top](#)

Variable Number and Name	Code Value	Code Description	Other Options
V206 — Urban/Rural Area	2	Rural	more
V207 — Limited Access Highway	0	No	more
V208 — Road Total Lanes	2	2 lanes	more
V209 — Intersecting Road Total Lanes	8	Not applicable	more
V210 — Road Surface Type	1	Asphalt	more
V211 — Road Defects	0	No	more
V212 — Construction Zone	0	No	more
V213 — Road Alignment Vertical Plane	1	Level	more
V214 — Road Alignment Horizontal Plane	2	Curve	more
V215 — Surface Covering	10	Dry	more
V216 — Visibility Limitation	0	None	more
V217 — Visibility Obstruction	0	None	more
V218 — Speed Limit	6	86-90 km/h .. 55 mph	more
V219 — Precipitation Type	0	None	more
V220 — Precipitation Rate	8	Not applicable	more
V221 — Temperature	9	Unknown	more

V222 — Crosswind	9	Unknown	more
V223 — Light Conditions	1	Daylight	more
V224 — Mechanical Malfunction Mention	0	No	more
V225 — Case Vehicle and Object	0	No	more
V226 — Case Vehicle Rollover	0	No	more
V227 — Case Vehicle Ran Off Roadway	1	Yes	more
V228 — Moving Case Vehicle/Contacted Moving Vehicle	1	Yes	more
V229 — Case Vehicle/Contacted Stopped Vehicle	0	No	more
V230 — Stopped Case Vehicle/Contactd Vehicle	0	No	more
V231 — Total Vehicles Hit By Case Vehicle	1	1 vehicle	more
V232 — Any Fire in Crash	0	No	more
V233 — Max Police Severity-PAR	3	A - Incapacitating Injury	more
V234 — Driver Alcohol Involvement	0	Had not been drinking	more
V235 — Driver Alcohol BAC	80	Not tested	more
V236 — Driver Impairment Mention	0	No	more
V237 — Driven/Towed From Scene	2	Towed Due to Damage	more

Other Vehicle

[Back to Top](#)

Variable Number and Name	Code Value	Code Description	Other Options
V301 — Other Vehicle VIN	1FTZX1729XNA	—	—
V302 — Other Vehicle Manufacturer/Body Code	12112	—	—
V303 — Other Vehicle Manufacturer	121	Ford	more
V304 — Other Vehicle Body Code	12	Pickup truck (no canopy or shell)	more
V305 — Other Vehicle Make/Model	3108	Flareside, Styleside F150	more
V306 — Other Vehicle Model Year	1999	—	—
V307 — Other Vehicle Mass	001912 kg	—	—
V308 — Other Vehicle Number	2	Vehicle #2	more
V309 — Other Vehicle Number of Occupants	01	—	—
V310 — Other Vehicle Traveling Speed	999	Unknown	more

V311 — Highest Police Injury Severity	1	C - Possible Injury	more
V312 — Other Vehicle Type	12	Pickup truck	more
V313 — Other Vehicle Wheelbase (cm)	352 cm	—	—
V314 — Average Track Width	166 cm	—	—
V315 — Overall Length	569 cm	—	—
V316 — Overall Width (OAW)	199 cm	—	—
V317 — Front Overhang (FOH)	094 cm	—	—
V318 — Rear Overhang (ROH)	123 cm	—	—
V319 — Undeformed End Width (UEW)	170 cm	—	—
V320 — Engine Displacement	4.2 l	—	—
V321 — Engine: Number of Cylinders	06	—	—
V322 — Direct Damage Length (DDL)	085 cm	—	—
V323 — Front-End Overlap % (FEO)	50	—	—
V324 — Vehicle Overlap % (VOL)	50	—	—

Case Vehicle General



[Click for case vehicle figure](#)

[Back to Top](#)

Variable Number and Name	Code Value	Code Description	Other Options
V401 — VIN	1ZWFT61L5X56	—	—
V402 — Manufacturer/Body Code	12228	—	—
V403 — Vehicle Manufacturer	122	Lincoln-Mercury	more
V404 — Vehicle Body Code	28	—	—
V405 — Make/Model Code	0922	Cougar	more
V406 — Model Year	1999	—	—
V407 — Vehicle Mass	001334 kg	—	—
V408 — Odometer Reading	888888	—	—
V409 — Number of Occupants	01	—	—
V410 — Traveling Speed	999	Unknown	more
V411 — Body Type	12	2-door sedan or coupe (any upper B-pillar)	more
V412 — Stolen Vehicle	8	Not currently collected	more
V413 — Body Structure	2	Unitized	more
V414 — Transmission Type	1	Automatic	more

V415 — Transmission Lever Location	2	Console	more
V416 — Steering	1	Power	more
V417 — Brakes	1	Power	more
V418 — Brake Type	2	Disc - front wheels	more
V419 — Brake Anti-lock Device	1	Two-wheel	more
V420 — Air Conditioning in Vehicle	8	Not currently collected	more
V421 — Drive Type	2	Front wheel	more
V422 — Dual Rear Wheels	0	No	more
V423 — Original Restraint System Type	3	Airbag	more
V424 — Equipped With Roll Bar	0	No	more
V425 — Roof Type	1	Solid	more
V426 — Wheelbase	270 cm	—	—
V427 — Anti-lacerative Glass	0	None	more
V428 — Average Track Width	150 cm	—	—
V429 — Overall Length	472 cm	—	—
V430 — Overall Width (OAW)	177 cm	—	—
V431 — Front Overhang	099 cm	—	—
V432 — Rear Overhang	103 cm	—	—
V433 — Undeformed End Width (UEW)	135 cm	—	—
V434 — Engine Displacement	2.5 l	—	—
V435 — Engine: Number of Cylinders	06	—	—
V436 — Direct Damage Length (DDL)	135 cm	—	—
V437 — Front End Overlap % (FEO)	98	98% or more	more
V438 — Vehicle Overlap % (VOL)	98	98% or more	more

Case Vehicle Damage Description

[Back to Top](#)

Variable Number and Name	Code Value	Code Description	Other Options
V501 — Maximum Crush - Front	071 cm	—	—
V502 — Maximum Crush - Right Side	000 cm	No crush (or less than 1 cm.)	more
V503 — Maximum Crush - Rear	000 cm	No crush (or less than 1 cm.)	more
V504 — Maximum Crush - Left Side	000 cm	No crush (or less than 1 cm.)	more

V505 — Maximum Crush - Roof	000 cm	No crush (or less than 1 cm.)	more
V506 — Maximum Crush - Other	000 cm	No crush (or less than 1 cm.)	more
V507 — Are Events In Chronological Order	1	Yes	more
V508 — Event 1 Impact Location	3	On Roadside	more
V509 — Event 1 Impact Configuration	11	FRONT of case veh - FRONT of contacted Vehicle	more
V510 — Event 1 Object/Vehicle Contacted	12	Pickup truck	more
V511 — Event 2 Impact Location	8	No 2nd event	more
V512 — Event 2 Impact Configuration	88	No 2nd event	more
V513 — Event 2 Object/Vehicle Contacted	00	No object/vehicle contacted	more
V514 — Event 3 Impact Location	8	No 3rd event	more
V515 — Event 3 Impact Configuration	88	No 3rd event	more
V516 — Event 3 Object/Vehicle Contacted	00	No object/vehicle contacted	more
V517 — Event 4 Impact Location	8	No 4th event	more
V518 — Event 4 Impact Configuration	88	No 4th event	more
V519 — Event 4 Object/Vehicle Contacted	00	No object/vehicle contacted	more
V520 — Event 5 Impact Location	8	No 5th event	more
V521 — Event 5 Impact Configuration	88	No 5th event	more
V522 — Event 5 Object/Vehicle Contacted	00	No object/vehicle contacted	more
V523 — Event 6 Impact Location	8	No 6th event	more
V524 — Event 6 Impact Configuration	88	No 6th event	more
V525 — Event 6 Object/Vehicle Contacted	00	No object/vehicle contacted	more
V526 — Event 7 Impact On Road	8	No 7th event	more
V527 — Event 7 Impact Configuration	88	No 7th event	more
V528 — Event 7 Object/Vehicle Contacted	00	No object/vehicle contacted	more
V529 — Primary CDC Case Vehicle -event Number	1	Event 1	more
V530 — Primary CDC Case Vehicle	999		

- impact speed		Unknown	more
V531 — Primary CDC Case Vehicle - Estimated By	1	Investigator	more
V532 — Primary CDC Case Vehicle -crush	071	—	—
V533 — Primary CDC Case Vehicle -clock #1	12	12 o'clock	more
V534 — Primary CDC Case Vehicle letter 1 #1	06	F - Front	more
V535 — Primary CDC Case Vehicle letter 2 #1	04	D - Distributed (Side or End)	more
V536 — Primary CDC Case Vehicle letter 3 #1	05	E - Everything below belt line	more
V537 — Primary CDC Case Vehicle letter 4 #1	23	W - Wide impact area	more
V538 — Primary CDC Case Vehicle Extent #1	03	Extent 3	more
V539 — Primary CDC Case Vehicle -CDC #1	12FDEW3	—	—
V541 — Primary CDC Case Vehicle letter 1 #2	00	Missing Data/Not applicable	more
V542 — Primary CDC Case Vehicle letter 2 #2	00	Missing Data/Not applicable	more
V543 — Primary CDC Case Vehicle letter 3 #2	00	Missing Data/Not applicable	more
V544 — Primary CDC Case Vehicle letter 4 #2	00	Missing Data/Not applicable	more
V545 — Primary CDC Case Vehicle Extent #2	00	Missing Data/Not applicable	more
V546 — Primary CDC Case Vehicle -CDC #2	9800000	—	—
V547 — Primary CDC Contacted Vehicle - Impact Speed	999	Unknown	more
V548 — Primary CDC Contacted Vehicle - Estimated By	1	Investigator	more
V549 — Primary CDC Contacted Vehicle -crush	114	—	—
V550 — Primary CDC Contacted Vehicle -clock #1	12	12 o'clock	more
V551 — Primary CDC Contacted Vehicle letter 1 #1	06	F - Front	more
V552 — Primary CDC Contacted Vehicle letter 2 #1	26	Z - Side or end (B + P or R + C)	more

V553 — Primary CDC Contacted Vehicle letter 3 #1	05	E - Everything below belt line	more
V554 — Primary CDC Contacted Vehicle letter 4 #1	23	W - Wide impact area	more
V555 — Primary CDC Contacted Vehicle Extent #1	05	Extent 5	more
V556 — Primary CDC Contacted Vehicle -CDC #1	12FZEW5	—	—
V558 — Primary CDC Contacted Vehicle letter 1 #2	00	Missing Data/Not applicable	more
V559 — Primary CDC Contacted Vehicle letter 2 #2	00	Missing Data/Not applicable	more
V560 — Primary CDC Contacted Vehicle letter 3 #2	00	Missing Data/Not applicable	more
V561 — Primary CDC Contacted Vehicle letter 4 #2	00	Missing Data/Not applicable	more
V562 — Primary CDC Contacted Vehicle Extent #2	00	Missing Data/Not applicable	more
V563 — Primary CDC Contacted Vehicle -CDC #2	9800000	—	—
V564 — Secondary CDC Case Vehicle - Event No	8	Not applicable	more
V565 — Secondary CDC Case Vehicle - Impact Speed	998	Not Applicable	more
V566 — Secondary CDC Case Vehicle - Estimated By	8	Not applicable (no vehicle/no impact)	more
V567 — Secondary CDC Case Vehicle -crush	998	Not Applicable	more
V568 — Secondary CDC Case Vehicle -clock #1	98	Not Applicable	more
V569 — Secondary CDC Case Vehicle letter 1 #1	00	Missing Data/Not applicable	more
V570 — Secondary CDC Case Vehicle letter 2 #1	00	Missing Data/Not applicable	more
V571 — Secondary CDC Case Vehicle letter 3 #1	00	Missing Data/Not applicable	more
V572 — Secondary CDC Case Vehicle letter 4 #1	00	Missing Data/Not applicable	more
V573 — Secondary CDC Case Vehicle Extent #1	00	Missing Data/Not applicable	more
V574 — Secondary CDC Case Vehicle -CDC #1	9800000	—	—
V576 — Secondary CDC Case	00	Missing Data/Not applicable	more

Vehicle letter 1 #2			
V577 — Secondary CDC Case Vehicle letter 2 #2	00	Missing Data/Not applicable	more
V578 — Secondary CDC Case Vehicle letter 3 #2	00	Missing Data/Not applicable	more
V579 — Secondary CDC Case Vehicle letter 4 #2	00	Missing Data/Not applicable	more
V580 — Secondary CDC Case Vehicle Extent #2	00	Missing Data/Not applicable	more
V581 — Secondary CDC Case Vehicle -CDC #2	9800000	—	—
V582 — Secondary CDC Contacted Vehicle - Impact Speed	998	Not Applicable	more
V583 — Secondary CDC Contacted Vehicle - Estimated By	8	Not applicable (no vehicle/no impact)	more
V584 — Secondary CDC Contacted Vehicle -crush	998	Not Applicable	more
V585 — Secondary CDC Contacted Vehicle -clock #1	98	Not Applicable	more
V586 — Secondary CDC Contacted Vehicle letter 1 #1	00	Missing Data/Not applicable	more
V587 — Secondary CDC Contacted Vehicle letter 2 #1	00	Missing Data/Not applicable	more
V588 — Secondary CDC Contacted Vehicle letter 3 #1	00	Missing Data/Not applicable	more
V589 — Secondary CDC Contacted Vehicle letter 4 #1	00	Missing Data/Not applicable	more
V590 — Secondary CDC Contacted Vehicle Extent #1	00	Missing Data/Not applicable	more
V591 — Secondary CDC Contacted Vehicle -CDC #1	9800000	—	—
V593 — Secondary CDC Contacted Vehicle letter 1 #2	00	Missing Data/Not applicable	more
V594 — Secondary CDC Contacted Vehicle letter 2 #2	00	Missing Data/Not applicable	more
V595 — Secondary CDC Contacted Vehicle letter 3 #2	00	Missing Data/Not applicable	more
V596 — Secondary CDC Contacted Vehicle letter 4 #2	00	Missing Data/Not applicable	more
V597 — Secondary CDC Contacted Vehicle Extent #2	00	Missing Data/Not applicable	more
V598 — Secondary CDC Contacted Vehicle -CDC #2	9800000	—	—

Crash Severity

[Back to Top](#)

Variable Number and Name	Code Value	Code Description	Other Options
V601 — Case Vehicle Primary Impact Number	1	—	—
V602 — Primary Impact Total Delta-V	072 kph	—	—
V603 — Primary Case Vehicle Reconstructed Longitudinal Delta-V	-071 kph	—	—
V604 — Primary Case Vehicle Reconstructed Lateral Delta-V	0013 kph	—	—
V605 — Primary Case Vehicle Reconstructed Crush Energy	1425 kJ	—	—
V606 — Primary Impact Case Vehicle - reconstruction	22	Reconstructed, moderate confidence level	more
V607 — Primary Case Vehicle Reconstruction Mode	2	CDC & detailed damage	more
V608 — Primary Contacted Vehicle Reconstructed	051 kph	—	—

Total Delta-V			
V609 — Primary Contacted Vehicle Reconstructed Longitudinal Delta-V	-050 kph	—	—
V610 — Primary Contacted Vehicle Reconstructed Lateral Delta- V	-009 kph	—	—
V611 — Primary Contacted Vehicle Reconstructed Crush Energy	3569 kJ	—	—
V612 — Case Vehicle Secondary Impact Number	8	—	—
V613 — Secondary Case Vehicle Reconstructed Total Delta-V	888	N/A	more
V614 — Secondary Case Vehicle Reconstructed Longitudinal Delta-V	8888	—	—
V615 — Secondary Case Vehicle Reconstructed Lateral Delta- V	8888	—	—
V616 — Secondary Case Vehicle Reconstructed Crush Energy	8888	—	—

V617 — Secondary Case Vehicle Reconstruction Note	88	—	—
V618 — Secondary Case Vehicle Reconstruction Mode	8	Not applicable	more
V619 — Secondary Contacted Vehicle Reconstructed Total Delta-V	888	N/A	more
V620 — Secondary Contacted Vehicle Reconstructed Longitudinal Delta-V	8888	—	—
V621 — Secondary Contacted Vehicle Reconstructed Lateral Delta- V	8888	—	—
V622 — Secondary Contacted Vehicle Reconstructed Crush Energy	8888	—	—
V623 — Case Vehicle Primary Impact Number	1	—	—
V624 — Primary Case Vehicle Reconstructed Total EBS	072 kph	—	—
V625 — Primary Case	-071 kph		

Vehicle Reconstructed Longitudinal EBS		—	—
V626 — Primary Case Vehicle Reconstructed Lateral EBS	0013 kph	—	—
V627 — Primary Case Vehicle Reconstructed Crush Energy	1425 kJ	—	—
V628 — Primary Case Vehicle Reconstruction Note	22	Reconstructed, moderate confidence level	more
V629 — Primary Case Vehicle Reconstruction Mode	2	CDC & detailed damage	more
V630 — Primary Contacted Vehicle Reconstruction Total EBS	051 kph	—	—
V631 — Primary Contacted Vehicle Reconstruction Longitudinal EBS	-050 kph	—	—
V632 — Primary Contacted Vehicle Reconstruction Lateral EBS	-009 kph	—	—
V633 — Primary Contacted Vehicle Reconstruction	3569 kJ	—	—

Crush Energy			
V634 — Case Vehicle Secondary Impact Number	8	Not applicable	more
V635 — Secondary Case Vehicle Reconstruction Total EBS	888	N/A	more
V636 — Secondary Case Vehicle Reconstruction Longitudinal EBS	8888	—	—
V637 — Secondary Case Vehicle Reconstruction Lateral EBS	8888	—	—
V638 — Secondary Case Vehicle Reconstruction Crush Energy	8888	—	—
V639 — Secondary Case Vehicle Reconstruction Note	88	—	—
V640 — Secondary Case Vehicle Reconstruction Mode	8	Not applicable	more
V641 — Secondary Contacted Vehicle Reconstruction Total EBS	888	N/A	more
V642 — Secondary Contacted Vehicle	8888	—	—

Reconstruction Longitudinal EBS			
V643 — Secondary Contacted Vehicle Reconstruction Lateral EBS	8888	—	—
V644 — Secondary Contacted Vehicle Reconstruction Crush Energy	8888	—	—
V645 — Case Vehicle Reconstructed Impact Number	1	—	—
V646 — Case Vehicle Impact 1 Plane	1	Bumper	more
V647 — Case Vehicle Impact 1 Direct Damage Length [DDL]	135 cm	—	—
V648 — Case Vehicle Impact 1 Max Crush	071 cm	—	—
V649 — Case Vehicle Impact 1 Field-L	115 cm	—	—
V650 — Case Vehicle Impact 1 C1	021 cm	—	—
V651 — Case Vehicle Impact 1 C2	046 cm	—	—
V652 — Case Vehicle Impact 1 C3	057 cm	—	—
V653 — Case	071 cm		

Vehicle Impact 1 C4		—	—
V654 — Case Vehicle Impact 1 C5	060 cm	—	—
V655 — Case Vehicle Impact 1 C6	043 cm	—	—
V656 — Case Vehicle Impact 1 +/- D	0000 cm	—	—
V657 — Case Vehicle Reconstructed Impact Number	1	—	—
V658 — Case Vehicle Impact 2 Plane	1	Bumper	more
V659 — Case Vehicle Impact 2 Direct Damage Length [DDL]	085 cm	—	—
V660 — Case Vehicle Impact 2 Max Crush	114 cm	—	—
V661 — Case Vehicle Impact 2 Field-L	099 cm	—	—
V662 — Case Vehicle Impact 2 C1	000 cm	No Crush	more
V663 — Case Vehicle Impact 2 C2	004 cm	—	—
V664 — Case Vehicle Impact 2 C3	043 cm	—	—
V665 — Case Vehicle Impact 2 C4	077 cm	—	—
V666 — Case	104 cm		

Vehicle Impact 2 C5		—	—
V667 — Case Vehicle Impact 2 C6	114 cm	—	—
V668 — Case Vehicle Impact 2 +/- D	0043 cm	—	—
V669 — Other Vehicle Reconstructed Impact Number	2	—	—
V670 — Other Vehicle Impact 1 Plane	8	Not applicable	more
V671 — Other Vehicle Impact 1 Direct Damage Length [DDL]	998	Not applicable	more
V672 — Other Vehicle Impact 1 Max Crush	998	Not applicable	more
V673 — Other Vehicle Impact 1 Field-L	998	Not applicable	more
V674 — Other Vehicle Impact 1 C1	998	Not applicable	more
V675 — Other Vehicle Impact 1 C2	998	Not applicable	more
V676 — Other Vehicle Impact 1 C3	998	Not applicable	more
V677 — Other Vehicle Impact 1 C4	998	Not applicable	more
V678 — Other Vehicle Impact 1 C5	998	Not applicable	more
V679 — Other	998		

Vehicle Impact 1 C6		Not applicable	more
V680 — Other Vehicle Impact 1 +/- D	9998	—	—
V681 — Other Vehicle Reconstructed Impact Number	2	—	—
V682 — Other Vehicle Impact 2 Plane	8	Not applicable	more
V683 — Other Vehicle Impact 2 Direct Damage Length [DDL]	998	Not applicable	more
V684 — Other Vehicle Impact 2 Max Crush	998	Not applicable	more
V685 — Other Vehicle Impact 2 Field-L	998	Not applicable	more
V686 — Other Vehicle Impact 2 C1	998	Not applicable	more
V687 — Other Vehicle Impact 2 C2	998	Not applicable	more
V688 — Other Vehicle Impact 2 C3	998	Not applicable	more
V689 — Other Vehicle Impact 2 C4	998	Not applicable	more
V690 — Other Vehicle Impact 2 C5	998	Not applicable	more
V691 — Other Vehicle Impact 2 C6	998	Not applicable	more
V692 — Other	9998		

Vehicle Impact 2 +/- D		—	—
---------------------------	--	---	---

Case Vehicle Tires & Rims

[Back to Top](#)

Variable Number and Name	Code Value	Code Description	Other Options
V701 — Left Front Wheel Damaged	0	No	more
V702 — Right Front Wheel Damaged	1	Yes	more
V703 — Right Rear Wheel Damaged	0	No	more
V704 — Left Rear Wheel Damaged	0	No	more
V705 — Left Front Tire Tread Type	4	All Weather	more
V706 — Right Front Tire Tread Type	4	All Weather	more
V707 — Right Rear Tire Tread Type	4	All Weather	more
V708 — Left Rear Tire Tread Type	4	All Weather	more
V709 — Left Front Carcass Construction	3	Radial	more
V710 — Right Front Carcass Construction	3	Radial	more
V711 — Right Rear Carcass Construction	3	Radial	more
V712 — Left Rear Carcass Construction	3	Radial	more
V717 — Left Front Tire Size	P20560R15	—	—
V718 — Right Front Tire Size	P20560R15	—	—
V719 — Right Rear Tire Size	P20560R15	—	—
V720 — Left Rear Tire Size	P20560R15	—	—

Case Vehicle Fuel, Tank, Fire

[Back to Top](#)

Variable Number and Name	Code Value	Code Description	Other Options
V801 — Propulsive Fuel Type	1	Gasoline	more
V802 — Main Tank Location	322	Within frame/centered laterally - within vertically	more



V803 — Main Filler Cap Location	133	—	—
V804 — Main Tank Material	9	Unknown	more
V805 — Aux Tank Type	8	Not applicable (not equipped)	more
V806 — Aux Tank Location	888	Not applicable (not equipped)	more
V807 — Aux Filler Cap Location	888	Not applicable (not equipped)	more
V808 — Aux Tank Material	8	Not applicable	more
V901 — Fuel Leakage From Crash	0	No	more
V1001 — Fire In Or On Case Vehicle	0	No	more

Case Vehicle Exterior

[Back to Top](#)

Variable Number and Name	Code Value	Code Description	Other Options
V1101 — Hood Latch Released	1	Yes	more
V1102 — Hood Latch Damaged	1	Yes	more
V1103 — Hood Latch Jammed	0	No	more
V1104 — Left Hood Hinge Damaged	1	Yes	more
V1105 — Left Hood Hinge Separated	0	No	more
V1106 — Right Hood Hinge Damaged	1	Yes	more
V1107 — Right Hood Hinge Separated	0	No	more
V1108 — Hood Remained On Vehicle	1	Yes	more
V1109 — Rear Hood Edge Elevated	1	Yes	more
V1110 — Edge Contacted Windshield	1	Yes	more
V1111 — Edge Penetrated Windshield	0	No	more
V1112 — Hood Latch Location	1	Front of Vehicle	more
V1113 — Eng/Transmissn Mount Separation	0	No	more
V1114 — Steerng Column Flex Coupling	9	Unknown if equipped	more
V1115 — Steerng Column Coupling Damaged	9	Unknown	more
V1116 — Steerng Column Coupling Separated	9	Unknown	more
V1117 — Eng Comp Telescopng Unit	88	Not collected	more
V1118 — Comp Orig/Telescopd Diff	888	Not collected	more
V1119 — Left Side Body Mount Separation	8	Not applicable (unitized)	more
V1120 — Upper Left A-pillar	4		

Separation		No separation, but damaged	more
V1121 — Lower Left A-pillar Separation	4	No separation, but damaged	more
V1122 — Upper Left B-pillar Separation	9	Unknown	more
V1123 — Lower Left B-pillar Separation	0	No	more
V1124 — Upper Left C-pillar Separation	9	Unknown	more
V1125 — Lower Left C-pillar Separation	8	Not applicable (not equipped)	more
V1126 — Upper Left D-pillar Separation	8	Not applicable (not equipped)	more
V1127 — Lower Left D-pillar Separation	8	Not applicable (not equipped)	more
V1128 — Left Front Door Opening Cause	0	Door did not open	more
V1129 — Left Rear Door Opening Cause	8	Not applicable (no left rear door)	more
V1130 — Left Front Door Jammed Closed	1	Yes	more
V1131 — Left Rear Door Jammed Closed	8	Not applicable (no left rear door)	more
V1132 — Rear Door Type	1	Hatchback	more
V1133 — Rear Door Opening Cause	9	Unknown	more
V1134 — Rear Door Jammed Closed	9	Unknown	more
V1135 — Luggage Partition Damagd	8	Not applicable	more
V1136 — Spare Tire Status	8	Not collected	more
V1137 — Trailer Hitch Type	0	No hitch	more
V1138 — Trailer Type	0	No trailer	more
V1139 — Right Side Body Mount Separation	8	Not applicable (unitized)	more
V1140 — Upper Right A-pillar Separation	4	No separation, but damaged	more
V1141 — Lower Right A-pillar Separation	4	No separation, but damaged	more
V1142 — Upper Right B-pillar Separation	4	No separation, but damaged	more
V1143 — Lower Right B-pillar Separation	0	No	more
V1144 — Upper Right C-pillar Separation	9	Unknown	more

V1145 — Lower Right C-pillar Separation	8	Not applicable (not equipped)	more
V1146 — Upper Right D-pillar Separation	8	Not applicable (not equipped)	more
V1147 — Lower Right D-pillar Separation	8	Not applicable (not equipped)	more
V1148 — Right Front Door Opening Cause	00	Door did not open	more
V1149 — Right Rear Door Opening Cause	98	Not applicable (no right rear door)	more
V1150 — Right Front Door Jammed Closed	1	Yes	more
V1151 — Right Rear Door Jammed Closed	8	Not applicable (no right rear door)	more
V1152 — Van Rear Door Type	8	Not applicable (not a van)	more
V1153 — Windshield Cracked	 Click for windshield damage figure	Yes	more
V1154 — Windshield Broken	0	No	more
V1155 — Windshield Cracked or Broken by Occupant	0	No	more
V1156 — Bond Separation Extent	1	1 - 20%	more
V1157 — Windshield Code	 Click for windshield code figure	—	—
V1158 — Did Sun/T Roof Open	8	Not Applicable	more

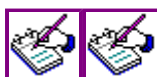
Case Vehicle Steering Column/Rim

[Back to Top](#)

Variable Number and Name	Code Value	Code Description	Other Options
V1201 — Steering Wheel Rim Damage	1	Deformed slightly	more
V1202 — Number of Steering Wheel Spokes	2	2 spokes	more
V1203 — Steering Wheel Spoke	0		

Damage		None	more
V1204 — Column Tilt Feature	1	Yes, equipped (position unknown)	more
V1205 — Column Swing-away Feature	0	Not equipped	more
V1206 — Column Telescoping Feature	0	Not equipped	more
V1207 — Wheel Energy Absorb Device	8	Not collected	more
V1208 — Wheel Ea Orig/Damaged Diff	888	Not collected	more
V1209 — Column Energy Absorb Device	88	Not collected	more
V1210 — Column Ea Orig/Comprss Diff	888	Not collected	more
V1211 — Shear Capsule Separation	888	Not collected	more
V1212 — Column Vertical Rotation	1	Upward apparent rotation	more
V1213 — Column Lateral Rotation	0	No apparent rotation	more
V1214 — Steering Wheel Hub Damage	0	None	more

Case Vehicle Intrusion



Click for intrusion figures

[Back to Top](#)

Variable Number and Name	Code Value	Code Description	Other Options
V1301 — Occupant Compartment Intrusion	1	Yes	more
V1302 — Was Intrusion Catastrophic	0	No	more
V1303 — Intrusion Number 01	01	Intrusion #1	more
V1304 — Intrusion 01 Occupant Space Number	11	First row, Left seat	more
V1305 — Intrusion 01 Intruding Object	03	Toe pan	more
V1306 — Intrusion 01 Assoc Event Number	1	Event #1	more
V1307 — Intrusion 01 Max Intrusion X-axis	45 cm	—	—
V1308 — Intrusion 01 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1309 — Intrusion 01 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more

V1310 — Intrusion 01 Occupant Number	01	Occupant number 1, contact	more
V1311 — Intrusion 01 Injury Number	06	Injury #6	more
V1312 — Intrusion 01 Occupant Number	01	Occupant number 1, contact	more
V1313 — Intrusion 01 Injury Number	07	Injury #7	more
V1314 — Intrusion Number 02	02	Intrusion #2	more
V1315 — Intrusion 02 Occupant Space Number	11	First row, Left seat	more
V1316 — Intrusion 02 Intruding Object	29	Side footwell panel (kickpanel)	more
V1317 — Intrusion 02 Assoc Event Number	1	Event #1	more
V1318 — Intrusion 02 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1319 — Intrusion 02 Max Intrusion Y-axis	25 cm	—	—
V1320 — Intrusion 02 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1321 — Intrusion 02 Occupant Number	00	No contact or no intrusion	more
V1322 — Intrusion 02 Injury Number	00	No injury or no intrusion	more
V1323 — Intrusion 02 Occupant Number	00	No contact or no intrusion	more
V1324 — Intrusion 02 Injury Number	00	No injury or no intrusion	more
V1325 — Intrusion Number 03	03	Intrusion #3	more
V1326 — Intrusion 03 Occupant Space Number	11	First row, Left seat	more
V1327 — Intrusion 03 Intruding Object	04	Floor pan	more
V1328 — Intrusion 03 Assoc Event Number	1	Event #1	more
V1329 — Intrusion 03 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1330 — Intrusion 03 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1331 — Intrusion 03 Max Intrusion Z-axis	13 cm	—	—
V1332 — Intrusion 03 Occupant Number	00	No contact or no intrusion	more
V1333 — Intrusion 03 Injury Number	00	No injury or no intrusion	more
V1334 — Intrusion 03 Occupant	00	No contact or no intrusion	more

Number			
V1335 — Intrusion 03 Injury Number	00	No injury or no intrusion	more
V1336 — Intrusion Number 04	04	Intrusion #4	more
V1337 — Intrusion 04 Occupant Space Number	11	First row, Left seat	more
V1338 — Intrusion 04 Intruding Object	01	Instrument panel	more
V1339 — Intrusion 04 Assoc Event Number	1	Event #1	more
V1340 — Intrusion 04 Max Intrusion X-axis	10 cm	—	—
V1341 — Intrusion 04 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1342 — Intrusion 04 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1343 — Intrusion 04 Occupant Number	01	Occupant number 1, contact	more
V1344 — Intrusion 04 Injury Number	04	Injury #4	more
V1345 — Intrusion 04 Occupant Number	01	Occupant number 1, contact	more
V1346 — Intrusion 04 Injury Number	05	Injury #5	more
V1347 — Intrusion Number 05	05	Intrusion #5	more
V1348 — Intrusion 05 Occupant Space Number	13	First row, Right seat	more
V1349 — Intrusion 05 Intruding Object	03	Toe pan	more
V1350 — Intrusion 05 Assoc Event Number	1	Event #1	more
V1351 — Intrusion 05 Max Intrusion X-axis	61 cm	—	—
V1352 — Intrusion 05 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1353 — Intrusion 05 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1354 — Intrusion 05 Occupant Number	00	No contact or no intrusion	more
V1355 — Intrusion 05 Injury Number	00	No injury or no intrusion	more
V1356 — Intrusion 05 Occupant Number	00	No contact or no intrusion	more
V1357 — Intrusion 05 Injury Number	00	No injury or no intrusion	more
V1358 — Intrusion Number 06	06	Intrusion #6	more
V1359 — Intrusion 06 Occupant	13		

Space Number		First row, Right seat	more
V1360 — Intrusion 06 Intruding Object	29	Side footwell panel (kickpanel)	more
V1361 — Intrusion 06 Assoc Event Number	1	Event #1	more
V1362 — Intrusion 06 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1363 — Intrusion 06 Max Intrusion Y-axis	18 cm	—	—
V1364 — Intrusion 06 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1365 — Intrusion 06 Occupant Number	00	No contact or no intrusion	more
V1366 — Intrusion 06 Injury Number	00	No injury or no intrusion	more
V1367 — Intrusion 06 Occupant Number	00	No contact or no intrusion	more
V1368 — Intrusion 06 Injury Number	00	No injury or no intrusion	more
V1369 — Intrusion Number 07	07	Intrusion #7	more
V1370 — Intrusion 07 Occupant Space Number	13	First row, Right seat	more
V1371 — Intrusion 07 Intruding Object	01	Instrument panel	more
V1372 — Intrusion 07 Assoc Event Number	1	Event #1	more
V1373 — Intrusion 07 Max Intrusion X-axis	15 cm	—	—
V1374 — Intrusion 07 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1375 — Intrusion 07 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1376 — Intrusion 07 Occupant Number	00	No contact or no intrusion	more
V1377 — Intrusion 07 Injury Number	00	No injury or no intrusion	more
V1378 — Intrusion 07 Occupant Number	00	No contact or no intrusion	more
V1379 — Intrusion 07 Injury Number	00	No injury or no intrusion	more
V1380 — Intrusion Number 08	00	No Intrusion, None	more
V1381 — Intrusion 08 Occupant Space Number	00	No Intrusion, None	more
V1382 — Intrusion 08 Intruding Object	00	No Intrusion, None	more
V1383 — Intrusion 08 Assoc Event	0	No Intrusion, None	more

Number			
V1384 — Intrusion 08 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1385 — Intrusion 08 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1386 — Intrusion 08 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1387 — Intrusion 08 Occupant Number	00	No contact or no intrusion	more
V1388 — Intrusion 08 Injury Number	00	No injury or no intrusion	more
V1389 — Intrusion 08 Occupant Number	00	No contact or no intrusion	more
V1390 — Intrusion 08 Injury Number	99	Contact, injury unknown or data not collected	more
V1391 — Intrusion Number 09	00	No Intrusion, None	more
V1392 — Intrusion 09 Occupant Space Number	00	No Intrusion, None	more
V1393 — Intrusion 09 Intruding Object	00	No Intrusion, None	more
V1394 — Intrusion 09 Assoc Event Number	0	No Intrusion, None	more
V1395 — Intrusion 09 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1396 — Intrusion 09 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1397 — Intrusion 09 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1398 — Intrusion 09 Occupant Number	00	No contact or no intrusion	more
V1399 — Intrusion 09 Injury Number	00	No injury or no intrusion	more
V1400 — Intrusion 09 Occupant Number	00	No contact or no intrusion	more
V1401 — Intrusion 09 Injury Number	99	Contact, injury unknown or data not collected	more
V1402 — Intrusion Number 10	00	No Intrusion, None	more
V1403 — Intrusion 10 Occupant Space Number	00	No Intrusion, None	more
V1404 — Intrusion 10 Intruding Object	00	No Intrusion, None	more
V1405 — Intrusion 10 Assoc Event Number	0	No Intrusion, None	more
V1406 — Intrusion 10 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more

V1407 — Intrusion 10 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1408 — Intrusion 10 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1409 — Intrusion 10 Occupant Number	00	No contact or no intrusion	more
V1410 — Intrusion 10 Injury Number	00	No injury or no intrusion	more
V1411 — Intrusion 10 Occupant Number	00	No contact or no intrusion	more
V1412 — Intrusion 10 Injury Number	99	Contact, injury unknown or data not collected	more
V1413 — Door Intrusion Number 01	88	Not Applicable	more
V1414 — Door Intrusion Number 01 Cause	8	Not applicable	more
V1415 — Door Intrusion Number 02	88	Not Applicable	more
V1416 — Door Intrusion Number 02 Cause	8	Not applicable	more
V1417 — Door Intrusion Number 03	88	Not Applicable	more
V1418 — Door Intrusion Number 03 Cause	8	Not applicable	more
V1419 — Door Intrusion 01 Component	88	Not Applicable	more
V1420 — Door Intrusion 01 Component Damaged 1	8	Not Applicable	more
V1421 — Door Intrusion 01 Component Damaged 2	8	Not Applicable	more
V1422 — Door Intrusion 02 Component	88	Not Applicable	more
V1423 — Door Intrusion 02 Component Damaged 1	8	Not Applicable	more
V1424 — Door Intrusion 02 Component Damaged 2	8	Not Applicable	more
V1425 — Door Intrusion 03 Component	88	Not Applicable	more
V1426 — Door Intrusion 03 Component Damaged 1	8	Not Applicable	more
V1427 — Door Intrusion 03 Component Damaged 2	8	Not Applicable	more
V1428 — Door Intrusion 04 Component	88	Not Applicable	more
V1429 — Door Intrusion 04 Component Damaged 1	8	Not Applicable	more
V1430 — Door Intrusion 04	8		

Component Damaged 2		Not Applicable	more
---------------------	--	----------------	----------------------

Case Vehicle Airbag(s)



[Click for Driver airbag figure](#)



[Click for Passenger airbag figure](#)

[Back to Top](#)

Variable Number and Name	Code Value	Code Description	Other Options
V1501 — Driver Airbag Equipped	1	Yes	more
V1502 — Driver Airbag Deployed	1	Yes	more
V1503 — Driver Airbag Condition	4	Burned/melted	more
V1504 — Passenger Airbag Equip	1	Yes	more
V1505 — Passenger Airbag Deployed	1	Yes	more
V1506 — Passenger Airbag Condition	0	No Damage	more
V1507 — Steering Wheel Airbag Tether	1	Yes	more
V1508 — Driver Airbag Marked By Contact	1	Yes	more
V1509 — Passenger Airbag Tether	0	No	more
V1510 — Passenger Airbag Marked By Contact	0	No	more

Case Vehicle Interior

[Back to Top](#)

Variable Number and Name	Code Value	Code Description	Other Options
V1601 — Left Front Door Damaged	0	No	more
V1602 — Right Front Door Damaged	1	Yes	more
V1603 — Left Front Hardware Damaged	0	No	more
V1604 — Right Front Hardware Damaged	1	Yes	more
V1605 — Left Front Armrest Damaged	0	No	more
V1606 — Right Front Armrest Damaged	0	No	more
V1607 — Left Front Glass Damaged	9	Unknown	more
	9		

V1608 — Right Front Glass Damaged		Unknown	more
V1609 — Left Rear Door Area Damaged	0	No	more
V1610 — Right Rear Door Area Damaged	0	No	more







































































































ISUZU

Coke











GMC
166312
XLY-P
A99558



6/13
GIMAC
166312
XY4-P
A99558

6/13
GMAC
166312
XK4-P
A99558





6/13
GMC
166312
XLY-P
A99558





























PASS
WITH
CARE









